

**The Clorox Company**1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000**Material Safety
Data Sheet****I Product:** FORMULA 409® CLEANER•DEGREASER**Description:** GREEN LIQUID

Other Designations	Distributor	Emergency Telephone Nos.
All Purpose Cleaner	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300

II Health Hazard Data

Mild eye irritant. Overexposure to this product may cause the Worker Exposure Limit of ethylene glycol monobutyl ether to be exceeded. Reports have associated blood and bone marrow damage with exposure to ethylene glycol monobutyl ether.

No medical conditions are known to be aggravated by exposure to this product. Under normal consumer use conditions the likelihood of any adverse health effects are low.

FIRST AID:

EYE CONTACT: Immediately flush eyes with plenty of water. If irritation persists, see a doctor.

SKIN CONTACT: Wash with water.

INGESTION: Not an apparent hazard.

INHALATION: If breathing problems develop remove to fresh air.

III Hazardous Ingredients

Ingredients	Concentration	Worker Exposure Limit
Ethylene Glycol Monobutyl Ether CAS # 111-76-2	0.5-5%	25 ppm TLV-TWA 25 ppm PEL

Substance can be absorbed through the skin and may contribute to overall exposure. None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists

TLV - TWA - Threshold Limit Value - Time Weighted Average.
Source: ACGIH 1985-86.

PEL - Permissible Exposure Limit. Source: OSHA

IV Special Protection and Precautions

Hygienic Practices: Wear safety glasses. With repeated or prolonged use, wear gloves.

Engineering Controls: Use general ventilation to minimize exposure to vapor or mist.

Work Practices: Minimize skin contact and inhalation of vapor or mist.

Not recommended for use on soft vinyl, varnishes or aluminum. If sprayed on these surfaces, rinse and wipe dry immediately.

V Transportation and Regulatory Data

U.S. DOT Hazard Class : Not restricted

U.S. DOT Proper Shipping Name: Not restricted.

EPA - SARA Title III/CERCLA:

Bottled product is not reportable under Sections 311/312; contains chemicals regulated under Section 313 (ethylene oxide = trace, glycol ethers < 5%); and contains chemicals (glycol ethers < 5%, ethylenediaminetetracetic acid < 1.0%, ethylene oxide = trace, and sodium hydroxide < 0.5%) which are regulated under Section 304/CERCLA.

TSCA Status: All components of this product are on the TSCA Inventory

VI Spill Procedures/Waste Disposal

Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.

VII Reactivity Data

Stable under normal use and storage conditions.

VIII Fire and Explosion Data

Not flammable or explosive. Extinguishing media determined by surrounding fire.

IX Physical Data

pH 12.4
Solubility 1n Water Complete
Specific Gravity (H₂O=1) 1.015